

FORM PTO 1449 (modified)	Atty. Docket No. X-15199	Serial No. <b>10/506301</b>
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicants Gopalrathnam, et al.	
	Filing Date	Group

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
les	AA	US 4,775,624	10-04-1988	Bang, et al.	
	AB	US 4,849,403	07-18-1989	Stocker, et al.	
	AC	US 4,877,608	10-31-1989	Lee, et al.	
	AD	US 4,981,952	01-01-1991	Yan	
	AE	US 4,992,373	02-12-1991	Bang, et al.	
	AF	US 5,084,273	01-1992	Hirahara	
	AG	US 5,093,117	03-03-1992	Lawrence, et al.	
	AH	US 5,112,949	05-12-1992	Vukovich	
	AI	US 5,175,087	12-29-1992	Ranby, et al.	
	AJ	US 5,395,923	03-07-1995	Bui-Khac, et al.	
	AK	US 5,413,732	05-09-1995	Buhl, et al.	
	AL	US 5,442,064	08-1995	Pieper, et al.	
	AM	US 5,453,373	09-25-1995	Gerlitz, et al.	
	AN	US 5,478,558	12-26-1995	Eibl, et al.	
	AO	US 5,516,650	05-14-1996	Foster, et al.	
	AP	US 5,831,025	11-1998	Ogata, et al.	
	AQ	US 5,962,299	10-1999	Miyata, et al.	
	AR	US 6,008,199	12-1999	Grinnell, et al.	
✓	AS	US 6,037,322	03-14-2000	Grinnell, et al.	

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leb	AT	US 6,156,734	12-05-2000	Grinnell	
	AU	US 6,159,468	12-12-2000	Carlson, et al.	
	AV	US 6,162,629	12-19-2000	Baker, et al.	
	AW	US 6,268,337	07-31-2001	Grinnell	
	AX	US 6,268,344	07-31-2001	Grinnell	
	AY	US 6,395,270	05-28-2002	Carlson, et al.	
	AZ	US 6,426,071	07-30-2002	Grinnell, et al.	
	AAA	US 6,436,397	08-20-2002	Baker, et al.	
	AAB	US 6,489,296	12-03-2002	Grinnell	
	AAC	US SN 09-652,270		Grinnell	
	AAD	US SN 09-924,129		Grinnell	
leb	AAE	US 6,630,137	10-07-2003	Carlson, et al.	
	AAF	US SN 10-635,865		Carlson, et al.	

unpublished

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
leb	BA	DE 3,823,519	01-18-1990	Meyer		
	BB	EP 0 314 095	05-03-1989	Lee, et al.		
	BC	EP 0 315 968	03-10-1993	Mori, et al.		
	BD	EP 0 326 014	08-02-1989	Hirahara		
	BE	EP 0 445 939	05-14-1997	Berg, et al.		

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	Gopalrathnam, et al.	
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le	BF	EP 0 662 513	07-12-1995	Prouty, et al		
	BG	EP 0 726 076	08-14-1996	Miyata, et al.		
	BH	JP 01 226900	09-11-1989	Tanaka et al.		
	BI	JP 07 165605	06-27-1995	Nakagawa		
	BJ	JP 08,301,786	11-08-1996	Takahashi, et al.		
	BK	WO 91-12320	08-22-1991	Miyagi, et al.		
	BL	WO 95-11966	05-04-1995	Ogata, et al.		
	BM	WO 97-20043	06-06-1997	Garner, et al.		
	BN	WO 98-48818	11-05-1998	Carlson, et al.		
	BO	AU 9892449	04-12-1999	Linnau, et al.		

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and-or country where published.	T <sup>6</sup>
le	CA	GRINNELL, et al., "Trans-Activated Expression of Fully Gamma-Carboxylated Recombinant Human Protein C, An Antithrombotic Factor," <u>Bio-Technology</u> 5:1189-1192, 1987.	
	CB	YU-CHANG, J.W. and HANSON, M.A. (1988) "Parenteral formulations of proteins and peptides stability and stabilizers" <u>Journal of Parenteral Science and Technology</u> 42(Supp): S3-S26.	
	CC	STEINER, S.A., et al., "stimulation of the Amidase and Esterase Activity of Activated Bovine Plasma Protein C by Monovalent Cations" <u>Biochemical and Biophysical Research Communications</u> 94(1):340-347 (May 14, 1980).	
	CD	ESMON, C.T., "The Regulation of Natural Anticoagulant Pathways" <u>Science</u> , 235:1348-1352 (March 1987).	
	CE	SEGEL, I., "Enzyme Kinetics" (1975) Wiley Interscience, New York, pp. 884-896.	
	CF	ZEFFREN, et al., "The Study of Enzyme Mechanisms" (1973) John Wiley & Sons, New York, p. 84.	

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